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Network Working Group
Request for Comments: 699

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ISI
November 1982

Requests For Comments Summary
Notes: 600-699

This RFC is a slightly annotated list of the 100 RFCs from RFC 600 through RFC 699. This is a kind of status report on these RFCs.

RFC	Author	Date	Title
699	Postel	10 Nov 82	Requests for Comments Summary Notes: 600-699

This summary.

698	Tovar	23 Jul 75	Telnet Extended ASCII Option

Describes an option to allow transmission of a special kind of extended ASCII used at the Stanford AI and MIT AI Labs.

697	Lieb	14 Jul 75	CWD Command of FTP

Discusses FTP login access to "files only" directories.

696	Cerf	17 Jul 75	Comments on the IMP/HOST and HOST/IMP Protocol Changes

Observations on current international standards recommendations from IFIP working group 6.1; see also RFCs 692, 690 687.

695	Krilanovich	5 Jul 75	Official Change in Host-Host Protocol

Corrects ambiguity concerning the ERR command; changes NIC 8246 and NIC 7104.

694	Postel	18 Jun 75	Protocol Information

References to documents and contacts concerning the various protocols used in the ARPANET, as well as recent developments; updates RFC 661.

693	Not Issued		
692	Wolfe	20 Jun 75	Comments on IMP/Host Protocol Changes

A proposed solution to the problem of combined length of IMP and Host leaders; see also RFCs 696, 690 and 687.

691 Harvey 28 May 75 One More Try on the FTP

Slight revision of RFC 686, on the subject of print files; see also RFCs 640, 630, 542, 454, 448, 414, 385 and 354.

690 Postel 6 Jun 75 Comments on the proposed Host/IMP Protocol Changes

Comments on suggestions in RFC 687; see also RFCs 692 and 696.

689 Clements 23 May 75 TENEX NCP Finite State Machine for Connections

Describes the internal states of an NCP connection in the TENEX implementation.

688 Walden 4 Jun 75 Tentative Schedule for the New TELNET Implementation for the TIP

687 Walden 2 Jun 75 IMP/Host and Host/IMP Protocol Changes

Addressing hosts on more than 63 IMPs, and other backwards compatible expansions; see also RFCs 690 and 692.

686 Harvey 10 May 75 Leaving Well Enough Alone

Discusses difference between early and later versions of FTP; see also RFCs 691, 640, 630, 542, 454, 448, 414, 385 and 354.

685 Beeler 16 Apr 75 Response Time in Cross-network Debugging

The contribution of ARPANET communication to response time.

684 Schantz 15 Apr 75 A Commentary on Procedure Calling as a Network Protocol

Issues in designing distributed computing systems. Shortcomings of RFC 674; see also RFCs 542 and 354.

683 Clements 3 Apr 75 FTPSRV -- TENEX Extension for Paged Files

Defines an extension to FTP for page-mode transfers between TENEX systems; also discusses file transfer reliability.

682 Not Issued

681 Holmgren 14 May 75 Network Unix

Capabilities as an ARPANET Mini-Host: standard I/O, Telnet, NCP, Hardware/Software requirements, reliability, availability.

680 Myer 30 Apr 75 Message Transmission Protocol

Extends message field definition beyond RFC 561 attempts to establish syntactic and semantic standards for ARPANET; see also RFCs 733 and 822.

679 Dodds 21 Feb 75 February, 1975, Survey of New-Protocol Telnet Servers

An earlier poll of Telnet server implementation status. Updates RFCs 701, 702 and 669; see also RFC 703.

678 Postel 18 Dec 74 Standard File Formats

For transmission of documents across different environments.

677 Johnson 27 Jan 75 The Maintenance of Duplicate Databases

676 Not Issued

675 Cerf 16 Dec 74 Specification of Internet Transmission Control Program

The first detailed specification of TCP; see RFC 793.

674 Postel 12 DEC 74 Procedure Call Documents--Version 2

Host level protocol used in the NSW--a slightly constrained version of ARPANET Host-to-Host protocol, affecting allocation, RFNM wait, and retransmission; see also RFC 684.

673 Not Issued

672 Schantz 6 Dec 74 A Multi-Site Data Collection Facility

Applicability of TIP/TENEX protocols beyond TIP accounting.

671 Schantz 6 Dec 74 A Note on Reconnection Protocol

Experience with implementation in RSEXEC context.

670 Not Issued

669 Dodds 4 Dec 74 November 1974, Survey of New-Protocol Telnet Servers

An earlier poll of Telnet server implementation status. Updates RFC 702; see also RFCs 703 and 679.

668 Not Issued

667 Chipman Dec 74 BBN Host Ports

Approved scheme to connect host ports to the network.

666 Padlipsky 26 Nov 74 Specification of the Unified User-Level Protocol

Discusses and proposes a common command language.

665 Not Issued

664 Not Issued

663 Kanodia 29 Nov 74 A Lost Message Detection and Recovery Protocol

Proposed extension of host-host protocol; see also RFCs 534, 516, 512, 492 and 467.

662 Kanodia 26 Nov 74 Performance Improvement in ARPANET File Transfers from Multics

Experimenting with host output buffers to improve throughput.

661 Postel 23 Nov 74 Protocol Information

An old version; see RFC 694.

660 Walden 23 Oct 74 Some Changes to the IMP and the IMP/Host Interface

Decoupling of message number sequences of hosts; host-host access control; message number window; messages outside normal mechanism; see also BBN 1822.

659 Postel 18 Oct 74 Announcing Additional Telnet Options

Options defined in RFCs 651-658.

658 Crocker 25 Oct 74 Telnet Output Line Feed Disposition

657	Crocker	25 Oct 74	Telnet Output Vertical Tab Disposition Option
656	Crocker	25 Oct 74	Telnet Output Vertical Tab Stops Option
655	Crocker	25 Oct 74	Telnet Output Form Feed Disposition Option
654	Crocker	25 Oct 74	Telnet Output Horizontal Tab Disposition Option
653	Crocker	25 Oct 74	Telnet Output Horizontal Tab Stops Option
652	Crocker	25 Oct 74	Telnet Output Carriage Return Disposition Option
651	Crocker	25 Oct 74	Revised Telnet Status Option
650	Not Issued		
649	Not Issued		
648	Not Issued		
647	Padlipsky	12 Nov 74	A Proposed Protocol for Connecting Host Computers to ARPA-Like Networks via Front End Processors

Approaches to Front-End protocol processing using available hardware and software.

646	Not Issued		
645	Crocker	26 Jun 74	Network Standard Data Specification Syntax

Providing a mechanism for specifying all attributes of a collection of bits; see also RFC 615.

644	Thomas	22 Jul 74	On The Problem of Signature Authentication for Network Mail
643	Mader	5 Jul 74	Network Debugging Protocol

To be used in an implementation of a PDP-11 network bootstrap device and a cross-network debugger.

642	Burchfiel	5 Jul 74	Ready Line Philosophy and Implementation

641 Not Issued

640 Postel 5 Jun 74 Revised FTP Reply Codes

Updates RFC 542.

639 Not Issued

638 McKenzie 25 Apr 74 IMP/TIP Preventive Maintenance Schedule

Corrects RFC 633.

637 McKenzie 23 Apr 74 Change of Network Address for SU-DSL

636 Burchfiel 10 Jun 74 TIP/TENEX Reliability Improvements

Obtaining/maintaining connections; recovery from lost connections; connection-state changes.

635 Cerf 22 Apr 74 An Assessment of ARPANET Protocols

Theoretical and practical motivation for redesign. Multipacket messages; host retransmission; duplicate detection; sequencing; acknowledgement.

634 McKenzie 10 Apr 74 Change in Network Address for Haskins Lab.

633 McKenzie 18 Mar 74 IMP/TIP Preventive Maintenance Schedule

An old version; see RFC 638.

632 Opderbeck 20 May 74 Throughput Degradations for Single Packet Messages

631 Danthine 17 Apr 74 Call for Papers: International Meeting on Minicomputers and Data Communication

630 Sussman 10 Apr 74 FTP Error Code Usage for More Reliable Mail Service

Describes FTP reply-code usage in TENEX mail processing.

629 North 27 Mar 74 Scenario for Using the Network Journal

628 Keeney 27 Mar 74 Status of RFC Numbers and a Note on Pre-assigned Journal Numbers

627 Feinler 25 Mar 74 ASCII Text File of Hostnames

See also RFCs 606, 608, 623 and 625.

626 Kleinrock 14 Mar 74 On a possible Lockup Condition in Imp Subnet due to Message Sequencing

625 Feinler 7 Mar 74 On Line Hostnames Service

See also RFCs 606, 608, 623 and 627.

624 Krilanovich 28 Feb 74 Comments on the File Transfer Protocol

Design changes and slight modifications. Replaces RFC 607; see also RFCs 614, 542 and 640.

623 Krilanovich 22 Feb 74 Comments on On-Line Host Name Service

See also RFCs 627, 625, 608 and 606.

622 McKenzie 13 Mar 74 Scheduling IMP/TIP Down Time

Modification of previous policy.

621 Kudlick 6 Mar 74 NIC User Directories at SRI-ARC

See also RFCs 620 and 609.

620 Ferguson 1 Mar 74 Request for Monitor Host Table Updates

In conjunction with moving NIC users to OFFICE-1; see also RFCs 621 and 609.

619 Naylor 7 Mar 74 Mean Round-Trip Times in the ARPANET

Actual measurements of round-trip times.

618 Taft 19 Feb 74 A Few Observations on NCP Statistics

Distribution of NCP and IMP message types by actual measurement.

617 Taft 19 Feb 74 A Note on Socket Number Assignment

Danger of imposing more fixed socket number requirements; see also RFCs 542, 503 and 451.

616 Walden 11 Feb 74 Latest Network Maps

615 Crocker 1 Mar 74 Proposed Network Standard Data Pathname Syntax

614 Pogran 28 Jan 74 Response to RFC 607 (NIC-21255), "Comments on the FTP"

See also RFCs 624, 542 and 640.

613 McKenzie 21 Jan 74 Network Connectivity: A Response to RFC603

612 McKenzie 16 Jan 74 Traffic Statistics Dec. 1973

611 Walden 14 Feb 74 Two Changes to the IMP/Host Protocol

Expansion of Host-Going-Down and addition of Dead-Host-Status Message.

610 Winter 15 Dec 73 Further Datalanguage Design Concepts

Preliminary results of the language design; a model for data languagea semantics; future considerations.

609 Ferguson 10 Jan 74 Statement of Upcoming Move of NIC/NLS Service

See also RFCs 621 and 620.

608 Feinler 10 Jan 73 Host Names On-Line

Response to RFC 606; see also RFCs 627, 625 and 623.

607 Krilanovich 7 Jan 73 NIC-21255 Comments on the File Transfer Protocol

An old version; see RFC 624; see also RFCs 614, 542 and 640.

606 Deutsch 29 Dec 73 Host Names On-Line

Resolving differences in hostname-address mappings; see also RFCs 627, 625, 623 and 608.

605 Not Issued

604 Postel 26 Dec 73 Assigned Link Numbers

Modifies official host-host protocol. Replaces RFC 377.

603 Burchfiel 31 Dec 73 Response to RFC 597: Host Status

Questions about the ARPANET topology described in RFC 597.

602 Metcalfe 27 Dec 73 "The Stockings Were Hung by the Chimney With Care"

Susceptibility of ARPANET to security violations.

601 McKenzie 14 Dec 73 Traffic Statistics November 1973

600 Berggreen 26 Nov 73 Interfacing an Illinois Plasma Terminal to the ARPANET

Discusses some unusual interface issues for the Plato terminal.